

Field Manufacturing

Review and Rollover and Revision of *Boatbuilding* unit standards

Subfield	Domain	ID
Boating Industries	Boatbuilding	23044, 23045, 23048, 25152 , 25154, 25345 , 25998, 25999, 26083, 26085, 26086, 26090 , 26091, 26092, 26093, 26094 , 26095, 26096, 26097, 26098 , 26099, 26100, 26101, 26102 , 26103 , 26104, 26105, 26106 , 26107, 26108, 27320

The NZ Marine and Composites Industry Training Organisation (NZMAC ITO) has completed the review of the unit standards listed above. The unit standards in **bold** were rolled over and revised only.

Date new versions published

August 2018

Planned review date (new and reviewed standards)

December 2023

Planned review date (rolled over and revised standards)

December 2019

Summary

NZMAC ITO carried out a review to better align these unit standard to the graduate profile outcomes of the New Zealand qualifications relating to the marine and composites industry and also to reflect the new health and safety legislation. Industry and subject matter experts provided feedback and input into the review of these unit standards.

NZMAC ITO developed new unit standards for the New Zealand Certificate in Marine Coatings (Level 4) with strands in Exterior and Interior [Ref: 3085] to meet the graduate outcomes of this qualification. The review was carried out in consultation with sector representatives and industry technical experts.

Main changes

- Content of the unit standards and titles were updated to better reflect the standard outcomes.
- Guidance information was updated to reflect change in legislation.
- 21 unit standards were rolled over and revised to update legislation, references and the planned review date.
- Unit standards 26095, 26104, and 26105 were designated expiring without replacement as they are no longer fit for purpose.
- Unit standard 25999 was designated expiring and was replaced by new standard 31431.
- Three new unit standards were developed.

The Category C and D unit standard will expire at the end of December 2020

The last date for assessment of superseded versions of Category B unit standards is December 2020

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

New and Reviewed unit standards

Manufacturing > Boating Industries > Boatbuilding

ID	Title	Level	Credit	Review Category
23044	Demonstrate knowledge of marine paint technology Demonstrate knowledge of marine paint systems	3	5	B
23045	Demonstrate knowledge of paint system calculations for marine paint Perform calculations for marine paint systems	4	4 5	B
23048	Demonstrate knowledge of marine paint finish problems Explain defects in marine paint finishes	4	3 4	B
25154	Prepare for and apply a marine interior coating system	4	8 15	B
25998	Demonstrate knowledge of marine paint system repair	3	5 6	B
25999 31431	Repair marine paint systems Apply knowledge of marine paint system repair	4 4	8 10	C
26091	Monitor and assess marine paint application and finish Assess marine paint preparation and finishes	4	4 5	B
26095	Test properties of boatbuilding timber	5	10	D
26104	Interpret installation requirements and plan a refrigeration system installation for a vessel	5	6	D
26105	Determine requirements and plan an air conditioning system installation for a vessel	5	6	D
31432	Demonstrate knowledge of and create a controlled environment for coating in boatbuilding projects	4	10	New
31433	Mix and apply stain to marine surfaces	3	5	New
31434	Apply paint by spray methods for a marine surface	4	10	New